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**PATENT APPLICATION**

Attorney Docket No.: 107759

**AMENDMENT TRANSMITTAL**

In re the Application of

Osamu TANITSU et al.

Group Art Unit: 2873

Application No.: 09/703,727

Examiner: R. Mack

Filed: November 2, 2000

For: OPTICAL INTEGRATOR, ILLUMINATION OPTICAL APPARATUS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.  
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	OR	RATE	ADD'L FEE
TOTAL CLAIMS	*60 MINUS	**52	=8	x 9	\$		x 18	\$ 144
INDEP CLAIMS	*8 MINUS	***10	=0	x 42	\$		x 84	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 140	\$	OR	+280	\$
					\$			\$ 144

- \* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 141873 in the amount of \$144.00 is attached. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

Mario A. Costantino  
Registration No. 33,565

Robert Z. Evora  
Registration No. 47,356

MAC:RZE/cfr

Date: May 5, 2003

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Osamu TANITSU et al.

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For: OPTICAL INTEGRATOR, ILLUMINATION OPTICAL APPARATUS

AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the October 7, 2002 Office Action, the shortened statutory period for reply being extended by the attached Petition for Extension of Time, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 1-52 without prejudice to or disclaimer of the subject matter contained therein. The Applicant reserves the right to file a divisional application to pursue these claims.

Please add new claims 53-112 as follows:

--53. (New) A wavefront dividing type optical integrator, comprising:

a plurality of micro optical elements arranged two-dimensionally, for forming a plurality of light sources by dividing a wavefront of an incident beam;

wherein each of said micro optical elements has a rectangular entrance surface

and a rectangular exit surface, and

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